

Product datasheet for **MC224822**

N4bp2 (NM_001024917) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: N4bp2 (NM_001024917) Mouse Untagged Clone
Tag: Tag Free
Symbol: N4bp2
Synonyms: B3bp; E430014I16; Gm868; Gm1791
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224822 representing NM_001024917
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATTGCTGTAGAATTGTCTGCCACTGATGCCAAGGGGGCAGAGTCGTCTGCACAGACTTCTGGTG
ATCGTGACAGCAAGCCTGGTGCAGCAGGAACTCAGTAATGGAGACGTGCCATCCCGAAGGCGAGGGTGA
AGATTCCAAGCTGGATTCATTTTGGATATGCAGCTAACTGAGGACTTGGATTCTTAATACAGAAGCCT
TTTGAGAAATTAAGTCTCCTCCTGATGACCAAGTATACCCATTCTCACCTCTGCAAGATGCTAATAGTT
TTAACGACCCCTCCACCTTTATGAAGTCAAGTGGCATGACTTCTCTTTCTGTACAGAGCAC
GAGCTCAAACAGCGAACTCTCAAGAGTTCTGCTTCTTTACCAGGTTCAAACCCACCAACTTCACATTCA
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GTAGCTCTGGAATCCAACAAATGGCTCTGTTAGAGGTTGTGGCAATTTAGCCAAAGACAGAAAGATCT
TTCAGAATCTGAGTGTCTAGTGCAGCATTCTCAAGCCCTGCAGATTTGGGCAACAGTGACCCTCAG
GCTCCTTCAACTCACCTCTGCACAATTCAGGGTCTGACCTACCAGGTACAGATGGGGATCAGAAGTCGG
CTTCTGCGCTGATGTTTTGTGCCCTCTGAAGGTTCAATTTCAAGCCGCACAAACATCCTGAATGCC
ACCAAAGGGGAAGGATATGAATTAAGTCCCGGTGCTCACCCCTTCCCTTACTCCTCCGCCCCGCCC
CCACCACCGATCTGGAACCCGATGATCCCTGCTTTTGTCTCTTTCAAGGAAACCATGGCTTTGTAGCCC
CTGTGGTGACCACAGCTGCTCACTGGAGACCTGTCAACTACACGTTCCACCCCCATCATCTCCACAA
CTCTCCAACCAAGTGTGGAGAGCGGTGAGGGAGCCAGTGCTTACCAGGTGCAGGAGGCCCCAGCGTCA
CAGCCTGTGAGGAAGAAGGCTACCTCCTCGTTGGCTTAGTTCTCGTGCTTCTCAGAGGGCTGCCGGCT
CAGGGAATCCTTTCTGGCAAGGACTTTGCAAGAGGATAACCCAGGTGGCGTCATTCTCAGCACTGATGA
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AGAATGCTGGAGCACTATCAGCGCTTGTCTCCGTGCCGATAATCATGAGCTTCTCCGATCCAGAGAAAA



CCGAGCGCATTGAGTTGTGTCATACGCTTCTGACGACAGCCCAAGAGACAGTGAAGCTATTAGCTCTGC
 AAAAGAAGACAGTGTCTCATCTGCGTCTCCGAAGCACTCAGAGCTAACGGAAAGAGAAGACCCCTTGAGGTG
 GCCACACAAGCAGTGTTATCTGTGCGTGATCCCCAGCTCCCTTGTCTGGTTTAAACAGAGGAAGAAAGG
 AGTTGGGTGACGTGAGTCACGGTGGTCATAACCCCTTCTTTCAGGAAGCCCCGAGCACCTATTTTCTAA
 CCCTGAAAGCAAAGGTCAAGCCACAGATAGAAGTGAGGAAGAACAAGAGATGGTGTCTGAAAAAGAACAT
 TGTGAAGCAGATGCGTGGAGGCCGCGGGGGGAGCGTCATCAGATGGGCGCTGTGCTGATGATAATCAAG
 AAGCCTGTGGTCTGACGGTGCAGCCGCGCTTCCAGGTGAGACCCCTCGCCTGAAATGCTGGAAGA
 AAGAACGGCAGGAAAGAAAAAGACCATTGGAAAAACAAAAAGGCAAAATCATCTTTGAAAAAATCCCCAAA
 CAAGAGCTATCAAAATTTTGTGGTACTGGCCAGTTGATAAGACAATTAGCCAGAGAACCAAAAGGAACC
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 TGAACCCAGCGTGAATTTGGAACATAACACCTGGGTGAAATACCCTTATATCCAGCACACGAGGCC
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 GTCAAACAGCTCCTGAGCATCATCCGACCTCCCTGAATCCACTGGCTCACAGCCAGCACGCGCTGCCCT
 GACCTTCCCCAGTAGTGACGAGCTCTTCTGGAGTAGTGGGTCCCCGGTCTCTAACAGAATTTCCAGTG
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 TCCTTTGCAAACATTCGGATCCTTTTCTTGAAGCCTTGAAGGATTTATATGAGCGATGTAATAAAGA
 CATTATTTGGGCCACAAGTCTCTTGTGGATTCTGAGACTAACTGTGCGAGGACACTGCGGTTGAGAGC
 TCCCCAAGTCGTACAGCGAGTACAGGTTGGGCGTTTTCTATGGGCTTGGACCTGAAGGAAATTTATA
 GCCACAGAGGAACCTCAGAAGGTTCTAATTTCTTGTATCAGAATTTAGTCTGGAATTGGTATCCGGAA
 CACCAGTGACGGTCTGTGGTAACCCAGGAAAGGGGACCTCAGAGCAGGAAGGGAGAAGAGCTATGAAT
 CCTGAAAACCTGAATTAATAACTAGAGTATCCCAATGCTGTGTAAGGTCAGAGTAATAATGAGA
 CACTGCCTGACCGTCAAGGCTGAAGTCCAGGCGGTACACCTTTAAGCAGCCTCTTTCACTACTCCACG
 ATCTTATATCCCTAAAGATGTTAGTGAGATAGAAAAAATCTAGTAATGACAGAGACTAGAGACAATATG
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 AAACATGGAGAATTTATCAATGAAGATAAACAGGAAATGGAGAAAAATCTAATGCCAGGAAGTGGTTGG
 TCAGCAGGAGTTAGTGAAGAGGGTAAAGCTGAGGTATTGACTCCCACGCCAGTGACAGCCACATCTCTGA
 CCATAGACTGTCTGGAGCTGGCGTTACCCCTGAGCTGGCTTTCCAACCTAATGAGCTGTTTGGCCAGT
 TGGTATTGATTACGGGTCTAACAGTCGAGGACTGTGTGGTTTATAGATCTGAATCTGGCTAAAGTG
 ATTCATGAGAAATGGAGAGAATCTGTAATGGAGCGACAGAGACAGGAGGAGGTTTCTCGAGGCAAGCGCA
 CACAAGATCCTTTGCTGGCTGGACATACTGGTCTTGATAATTTGAACAAAAATCATCTCAGAAAACAGG
 CAAAAGGTTATTGAAGACTTTAGCAGCACCTGAGACCTGGATCACTGGAACACTCAAACAAAAAAGTT
 TCACCTCGAGAAAATAATGTCAGAAGAAATGCTTACAGGAGAAACATGACTTGAAGGGGAGACACTTA
 TGTTTGAAGAAAGACTGTGCCACAAAACAAAGGAAAAAGCAGCTCTTTAAATATTTCCAGCCATTAAATCA
 AAATTTCTGGTGGACATTTTCAAAGATCACAGCTACTACTGGAACACTGTACAGTTTCTAAACTGT
 GTGCTTGAAGGAGACCCTGTGAAAACAGTTGTAGCTCAAGAGTGTGTTACCAAAATGAGAATAACACTT
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 ATCTTTCCAGGATTTTGGAGTACCCTGAGTATGATGACTACAGGGCAGAAGCTTCTGCACCAGCAGAAG
 AGGATGGAGTGTACAGCAAGGCCAAGGAAGCCTACCGCATGGGAAGAAGAACGTGGCCACCTTCTACG
 CTCAGCAGGGCAGTCTTATGAGCAGAAGATGAAAGAAGCCAATCACCTCGCTGTGTGGAGATCTTTGA
 GAAAGTCAACGCCTCTGCTACCGCAGAAGCTTTAGACCTCCATGGGCTGCATGTGGATGAAGCTATA
 GAACATTTGACAGCAGTTCTACAGCAGAAAACAGAAGAATTTAAACAGAGTGGTGCAAGCCGATCTGT
 CGGTGATTACTGGGAGAGGAAATCACAGCCAGGAGGAGTTGCTCGCATCAAACAGCTGTCAATTAATA
 CCTCACAAGCCACAGCTTCAAGTTCTCTGAAATTAAGCCAGGGTCTTGAAGTCATGCTAAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001024917

Insert Size:

5037 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq:[NM_001024917.1](#), [NP_001020088.1](#)**RefSeq Size:**

5731 bp

RefSeq ORF:

5037 bp

Locus ID:

333789

Cytogenetics:

5 C3.1